

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Eva-Karin Anderberg et al. Art Unit : 1616  
Serial No. : 10/520,939 Examiner : Abigail I. Fisher  
Filed : January 12, 2005 Conf. No. : 4755  
Title : COMBINATION OF IBAT INHIBITOR AND A METAL SALT FOR THE TREATMENT OF DIARRHOEA

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY AND ELECTION OF ASSIGNEE TO CONDUCT PROSECUTION TO EXCLUSION OF INVENTORS

Under 37 CFR §3.73(b) ALBIREO AB, a corporation, certifies that it is the assignee of 100% of the right, title and interest in the patent application identified above by virtue of:

A chain of title from the inventors of the patent application identified above, to the current assignee as shown below. Copies of the assignments or other documents in the chain of title are attached.

1. From Eva-Karin Anderberg and Erik Soderlind to AstraZeneca AB recorded in the Patent and Trademark Office at Reel 016874, Frame 0906 on January 12, 2005 against application serial no. 10/520,939; and
2. From AstraZeneca AB to Albireo AB recorded in the Patent and Trademark Office at Reel 022679, Frame 0198 on May 13, 2009 against application serial no. 10/520,939.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

Applicant : Eva-Karin Anderberg et al.  
Serial No. : 10/520,939  
Filed : January 12, 2005  
Page : 2 of 2

Attorney Docket No.: 23854-0006US1

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the application and appoints practitioners associated with:

**PTO CUSTOMER NO.:**

**26181**

as its attorneys/agents to prosecute the application and to transact all business in the Patent and Trademark Office connected therewith with full powers of substitution and revocation, said appointment to be to the exclusion of the inventors and their attorneys/agents in accordance with the provisions of 37 CFR § 3.71 *et seq.* of the Patent and Trademark Office Rules of Practice.

All correspondence regarding the application should be sent to:

**PTO Customer Number: 26181**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Date: August 10, 2009

Title: VP Operations  
for ALBIREO AB

**Customer No.: 26181**  
Fish & Richardson P.C.  
Telephone: (650) 839-5070  
Facsimile: (650) 839-5071

TO: RICHARD G. BONE COMPANY: FISH &amp; RICHARDSON P.C.

**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 14, 2009

\*500858984A\*

PTAS

RICHARD G. BONE  
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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 05/13/2009

REEL/FRAME: 022679/0198  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 23854-0006US1

ASSIGNOR:  
ASTRAZENECA AB

DOC DATE: 02/14/2008

ASSIGNEE:  
ALBIREO AB  
ARVID WALLGREN'S BACKE 20  
GOTEBORG, SWEDEN SE-413 46

SERIAL NUMBER: 10520939 FILING DATE: 01/12/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: COMBINATION OF AN IBAT INHIBITOR AND A METAL SALT FOR THE TREATMENT  
OF DIARRHOEA

TO:RICHARD G. BONE COMPANY:FISH & RICHARDSON P.C.

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ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

TO: RICHARD G. BONE COMPANY: FISH &amp; RICHARDSON P.C.

**PATENT ASSIGNMENT**Electronic Version v1.1  
Stylesheet Version v1.105/13/2009  
500858984

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"><tr><td>Name</td><td>Execution Date</td></tr><tr><td>AstraZeneca AB</td><td>02/14/2008</td></tr></table>		Name	Execution Date	AstraZeneca AB	02/14/2008						
Name	Execution Date										
AstraZeneca AB	02/14/2008										
<b>RECEIVING PARTY DATA</b>											
<table border="1"><tr><td>Name:</td><td>Albireo AB</td></tr><tr><td>Street Address:</td><td>Arvid Wallgrens Backe 20</td></tr><tr><td>City:</td><td>Goteborg</td></tr><tr><td>State/Country:</td><td>SWEDEN</td></tr><tr><td>Postal Code:</td><td>SE-413 46</td></tr></table>		Name:	Albireo AB	Street Address:	Arvid Wallgrens Backe 20	City:	Goteborg	State/Country:	SWEDEN	Postal Code:	SE-413 46
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Postal Code:	SE-413 46										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"><tr><td>Property Type</td><td>Number</td></tr><tr><td>Application Number:</td><td>10520939</td></tr></table>		Property Type	Number	Application Number:	10520939						
Property Type	Number										
Application Number:	10520939										
<b>CORRESPONDENCE DATA</b>											
Fax Number:	(877)769-7945										
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ATTORNEY DOCKET NUMBER:	23854-0006US1										
NAME OF SUBMITTER:	Richard G. A. Bone										
Total Attachments: 2 source=Executed Assignment for 23854-0006US1#page1.tif source=Executed Assignment for 23854-0006US1#page2.tif											

CH \$40.00 10520939

## ASSIGNMENT

The effective date of this Assignment is **February 14, 2008**. In consideration of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **AstraZeneca AB**, a corporation organized and existing under the laws of Sweden, and having an office for the transaction of business at S-151 85 Södertälje, Sweden ("**ASSIGNOR**"), and owner of the entire right, title and interest in the U.S. Patent Application Serial Numbers identified on the attached Schedule, hereby sells, assigns and transfers to **Albireo AB**, a corporation organized and existing under the laws of Sweden, and having an office for the transaction of business at Arvid Wallgrens Backe 20, SE-413 46 Göteborg, Sweden ("**ASSIGNEE**"), its entire right, title and interest in the U.S. Patent Application Serial Numbers identified on the attached Schedule, to be held and enjoyed by the ASSIGNEE, its successors, and assigns, as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment and sale not been made.

**IN WITNESS WHEREOF**, the parties hereto have executed this Assignment as of the day and year stated above.

Assignor: **AstraZeneca AB**

By: .....  
Name: Christer Wahlström  
Title: Senior Director Corporate IP & Risk Management

**WITNESSED BY:**

*Anette Siensson* .....  
Signature of Witness Anette Siensson  
Name of Witness  
(Type or print clearly)

Accepted by Assignee: **Albireo AB**

*JM* .....  
By: .....  
Name: Jan Mattsson  
Title: VP Operations

**WITNESSED BY:**

*Karin Wibegeir* .....  
Signature of Witness  
Name of Witness  
(Type or print clearly)

*Karin Wibegeir*

*Sonya Celibeglu* .....  
Signature of Witness Sonya Celibeglu  
Name of Witness  
(Type or print clearly)

*Terese Wallfors* .....  
Signature of Witness Terese Wallfors  
Name of Witness  
(Type or print clearly)

*Terese Wallfors*

**Schedule of U.S. Patent Applications**

Serial No.	Filing Date	Title
10/546,005	August 18, 2005	BENZOTHIAZEPINE AND BENZOTHIEPINE DERIVATIVES
10/520,939	January 12, 2005	Combination of an IBAT Inhibitor and a metal salt for the treatment of Diarrhoea